

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/32246

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 13/00, 13/14, 17/30; H04L 12/00; H04N 7/173

US CL. : 709/218, 219, 245; 707/10; 725/131; 700/83

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 709/218, 219, 245; 707/10; 725/131; 700/83

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,978,804 A (DIETZMAN) 02 November 1999 (02.11.1999), column 6 - column 8.	1-31
Y	US 5,481,542 A (LOGSTON et al.) 02 January 1996 (02.01.1996), column 6 - column 10.	1-31
Y, P	US 6,061,603 A (PAPADOPOULOS et al.) 09 May 2000 (09.05.2000), column 4 - column 7.	1-31
Y, P	US 6,151,625 A (SWALES et al.) 21 November 2000 (21.11.2000), column 4 - column 6.	1-31
Y	US 5,854,901 A (COLE et al.) 29 December 1998 (29.12.1998), column 3 - column 5.	1-31
Y	US 5,958,007 A (LEE et al.) 28 September 1999 (28.09.1999), column 3 - column 6.	1-31

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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document member of the same patent family

Date of the actual completion of the international search

09 February 2001 (09.02.2001)

Date of mailing of the international search report

07 March 2001

Name and mailing address of the ISA/US

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